

<b>Name of the programme</b>	<b>Name of Course</b>	<b>Duration of Course</b>	<b>Number of seats sanctioned</b>	<b>Eligibility Criteria</b>
M.Sc.	Botany	2	20	B.Sc. (Hons.) in Botany/ B.Sc. (Pass) with Botany and any two of the subjects, viz., Anthropology, Biochemistry, Biotechnology, Chemistry, Environmental Science, Genetics , Microbiology, and Zoology or any other bio-subject with atleast 50% marks in aggregate (45% for SC/ST candidates of Haryana only) or equivalent CGPA from any recognized University. Result awaited (Qualifying Exam.) candidates can apply.

**FORMAT for the Program-Specific Career Options to be uploaded on Council's Website:**

1.	Program of study and its duration	B. Sc. Year of Course Introduction-2021 B. Sc. (Life Sciences)-3 Y  M.Sc. Year of Course Introduction- 2020 M. Sc. -Botany (2Y) M. Sc. -Zoology (2Y) M. Sc. -Biotechnology (2Y) M. Sc. -Microbiology (2Y)
2.	MoU's and collaboration for this programme	NIL
3.	Business houses/Companies which visit campus for recruitment	NIL
4.	Details of Business Houses/ Companies offering industrial projects/ training	NIL
5.	Projects/ Training offered by university	M. Sc. Projects
6.	Entrepreneurship Opportunities	This programme is skill based and incorporate entrepreneurship related to various aspects of life sciences. This programme will prepare future biotechnologist, microbiologist, zoologist and botanist with entrepreneurship skills.
7.	Opportunities in Education Sector	Yes
8.	Opportunities as Social Worker	Yes
9.	Opportunities in other nations	Yes
10	Opportunities as an Academician	Yes
11	Opportunities for Nation development	Yes
12	Opportunities as consultant	Yes
13	Opportunities for self-employment and how programme leads to livelihood?	<ul style="list-style-type: none"> <li>• Due to industrialization and increased number of pharmaceutical companies, it has provided increased number of job opportunities. The programme provides livelihood opportunities to the candidates in various areas like hospital labs, research laboratories etc.</li> <li>• Self-employed life sciences candidates could work as consultants by helping the clients in various industries, research organisations and hospitals. The techniques and skills learned by a life sciences students equipped them with expertise in lab practical's and they can solve the problems of clients.</li> <li>• The writing skills and technology assessment can help them to prepare articles for trade and consumer magazines.</li> </ul>
14	Role/ Details of specific membership for	NIL

15	the programme Aptness of the programme with future challenges	The future challenges are placements of the students in various industries, to develop international as well as national level collaborations through exchange programmes.
16	Can program contribute in rural development? How?	<p>Yes</p> <ul style="list-style-type: none"> <li>• All of these life science programmes will aid in the advancement of agriculture in rural areas.</li> <li>• The programme will educate the rural students about the latest technology available for the improvement of crop yield, to overcome the problems associated with conventional agriculture practices, and also educate about the best hygiene and health practices.</li> <li>• The graduate, post-graduate and doctorate students from the life sciences will earn livelihood in various fields and contribute in the economic upliftment of the rural areas.</li> </ul>
17	Industrial visits related to the program made by students	NIL

*R. Singh*  
17/8/2021

HOD/Chairperson

Department of Life Sciences

University Name

Department of Life Sciences  
J.C. Bose University of Science &  
Technology YMCA, Faridabad